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IMAGERY
ANALYSIS
DIVISION

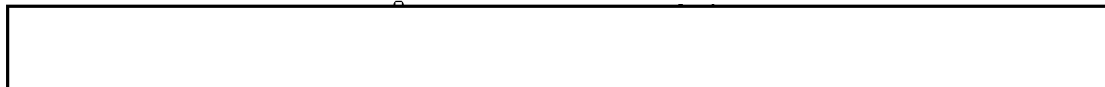
PIR

PHOTOGRAPHIC INTELLIGENCE REPORT

TRAFFIC COUNT ON CHENG-CHOU/

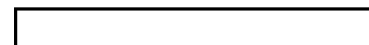
PING-HSIANG RAILROAD, CHINA

Declass Review by NIMA/DOD



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CIA / P R 65102



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DATE MAR. 1966

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GROUP 1
Excluded from automatic
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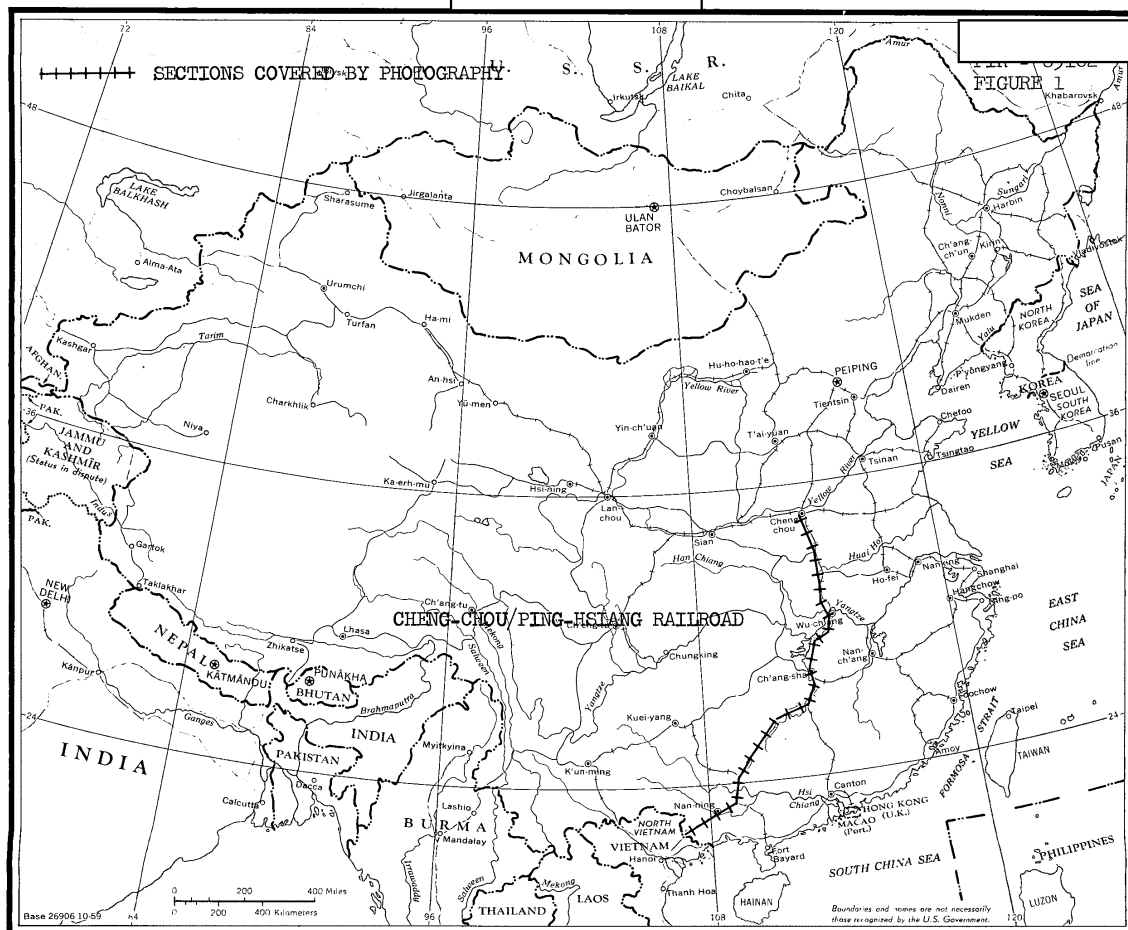
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TRAFFIC COUNT ON CHENG-CHOU/
PING-HSIANG RAILROAD, CHINA

This report of traffic on the Cheng-chou/Ping-hsiang Railroad is limited to two separate segments totalling 550 nautical miles (Figure 1). The first segment extends from Cheng-chou (34 47N - 113 37E) southward to the town of Lin-hsiang (29 30N - 113 31E) including the city of Wu-han (30 34N - 114 17E). The second segment extends from just west of Chi-yang (26 35N - 111 45E) southward to 24 50N - 110 00E including Kuei-lin (25 19N - 110 17E). The report is one of a series and should be compared with previous levels of traffic established by CIA/PIRs - 65023, 65040, 65074, and 65077.

In this study a count of freight cars in rail yards at Cheng-chou, Wu-han, and Kuei-lin was made (Table 1 and Figures 5 through 15). A significant decrease of rolling stock was noted in Cheng-chou rail yards Number 1, 2, and 4, Wu-han rail yard Number 1, and in the yard at Keui-lin. Photo coverage of all yards appears in Figures 16 through 18.

In addition, a count of all trains observed on the rail line was recorded, along with location, type, direction, and number of cars (Table 2). Speed was not computed due to lack of photo data at the time of this report. Annotated maps showing the train locations appear in Figures 2 through 4.

There have been rail yard changes at Cheng-chou and Wu-han. At Cheng-chou, a new rail yard has been constructed since [redacted] (Yard No. 6 on Figure 16). At Wu-han, the installation formerly carried as rail yard No. 2 has been identified as a wood treatment plant (Figure 19).

Construction was observed along the railroad south of Keui-lin from 24 61N - 110 00E to 24 49N - 109 51E (Figure 20). The road bed is being re-aligned possibly to accommodate a greater volume of traffic.

TOP SECRET

25X

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TABLE 1

RAIL YARD OCCUPANCY

<u>RAILYARD</u>	<u>TYPE</u>	<u>FREIGHT CARS OBSERVED AS PERCENT OF CAPACITY</u>	<u>CAPACITY OF RAIL YARD</u>
Cheng-chou Yard No. 1	Freight	15	980 freight cars
Cheng-chou Yard No. 2	Classification	25	1275 freight cars
Cheng-chou Yard No. 3	Classification	40	2665 freight cars
Cheng-chou Yard No. 4	Departure	30	1090 freight cars
Cheng-chou Yard No. 5	Freight	15	375 freight cars
Cheng-chou Yard No. 6	Holding	25	675 freight cars
Wu-han Yard No. 1	Freight	10	430 freight cars
Wu-han Yard No. 3	Freight	45	1600 freight cars
Wu-han Yard No. 4	Classification	30	800 freight cars
Wu-han Yard No. 5	Freight-Passenger	5	300 freight cars
Kuei-lin Yard	Freight	5	400 freight cars

TOP SECRET

TOP SECRET

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TABLE 2

TRAINS OBSERVED

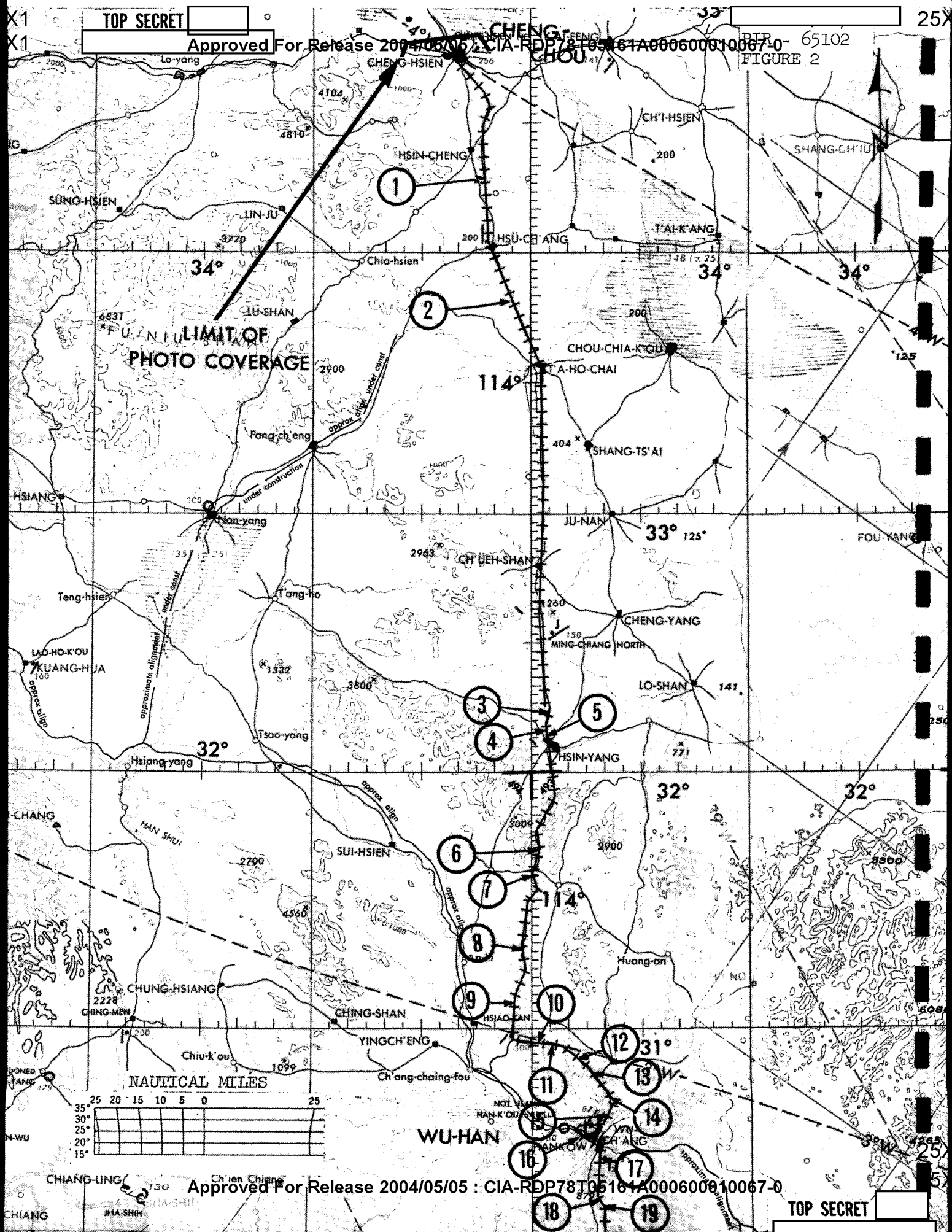
<u>NUMBER</u>	<u>TYPE</u>	<u>LOCATION</u>	<u>DIRECTION</u>	<u>NUMBER CARS</u>
1	FREIGHT	34 18N - 113 46E	N	45 (Est.)
2	FREIGHT	33 47N - 113 54E	N	29 (Est.)
3	PASSENGER	32 13N - 114 04E	S	12 (Est.)
4	FREIGHT	32 09N - 114 03E	N	24 (Est.)
5	FREIGHT	32 08N - 114 03E	N	Undetermined
6	FREIGHT	31 43N - 114 01E	N	Undetermined
7	FREIGHT	31 36N - 113 58E	S	Undetermined
8	FREIGHT	31 19N - 113 57E	N	20
9	FREIGHT	31 03N - 113 54E	S	24
10	FREIGHT	30 56N - 114 00E	S	34
11	FREIGHT	30 56N - 114 03E	N	52
12	FREIGHT	30 55N - 114 08E	S	21
13	FREIGHT	30 49N - 114 16E	S	19
14	FREIGHT	30 45N - 114 18E	N	53
15	FREIGHT	30 39N - 114 19E	N	45
16	FREIGHT	30 35N - 114 12E	S	45
17	MIXED	30 30N - 114 17E	S	45
18	FREIGHT	30 17N - 114 18E	N	40
19	FREIGHT	30 16N - 114 19E	S	38
20	PASSENGER	29 50N - 114 11E	N	20
21	FREIGHT	29 44N - 113 59E	N	Undetermined
22	FREIGHT	26 24N - 111 28E	S	22
23	FREIGHT	26 10N - 111 12E	N	11
24	FREIGHT	25 57N - 111 01E	N	20
25	PASSENGER	25 53N - 110 51E	N	7
26	PASSENGER	25 22N - 110 17E	S	23
27	SPECIAL *	25 19N - 110 17E	S	37
28	FREIGHT	25 18N - 110 17E	N	27
29	MIXED	25 13N - 110 11E	S	13

* 29 flat cars with unidentified equipment on decks; 8 passenger cars at rear of train.

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FIGURE 2

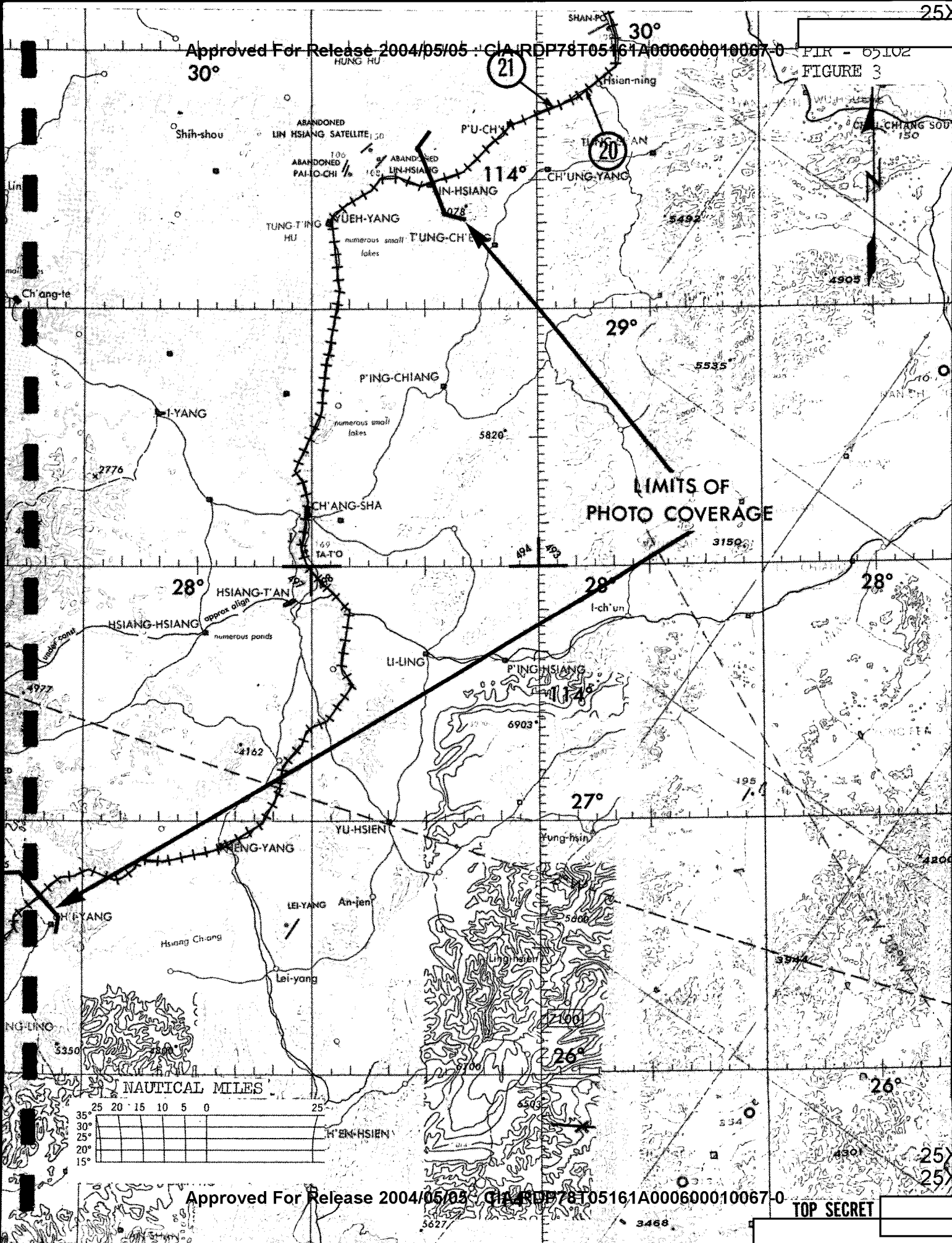


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FIGURE 3

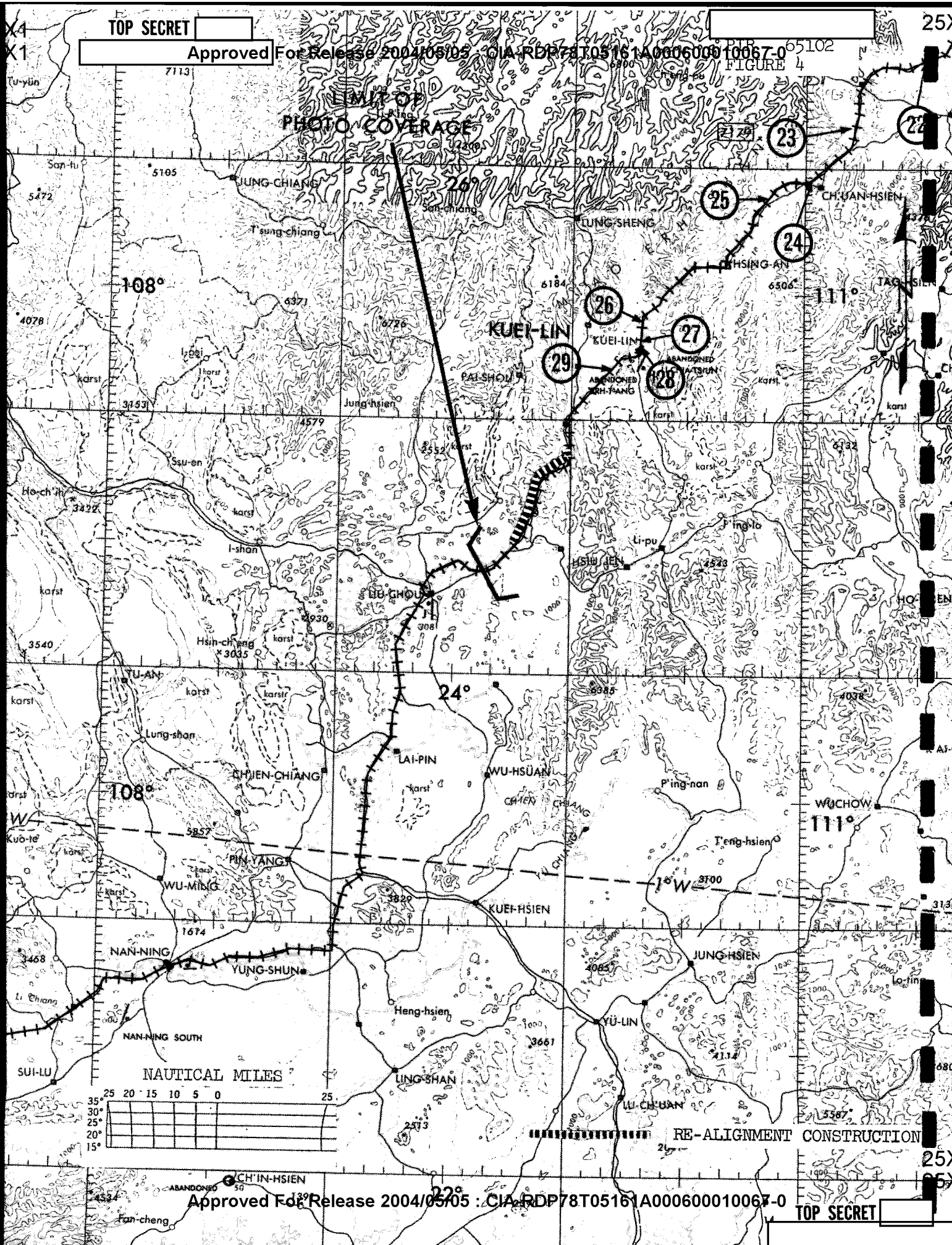


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FIGURE 4



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CHENG-CHOU MARSHALING YARDS

3447N-11337E

YARD 0

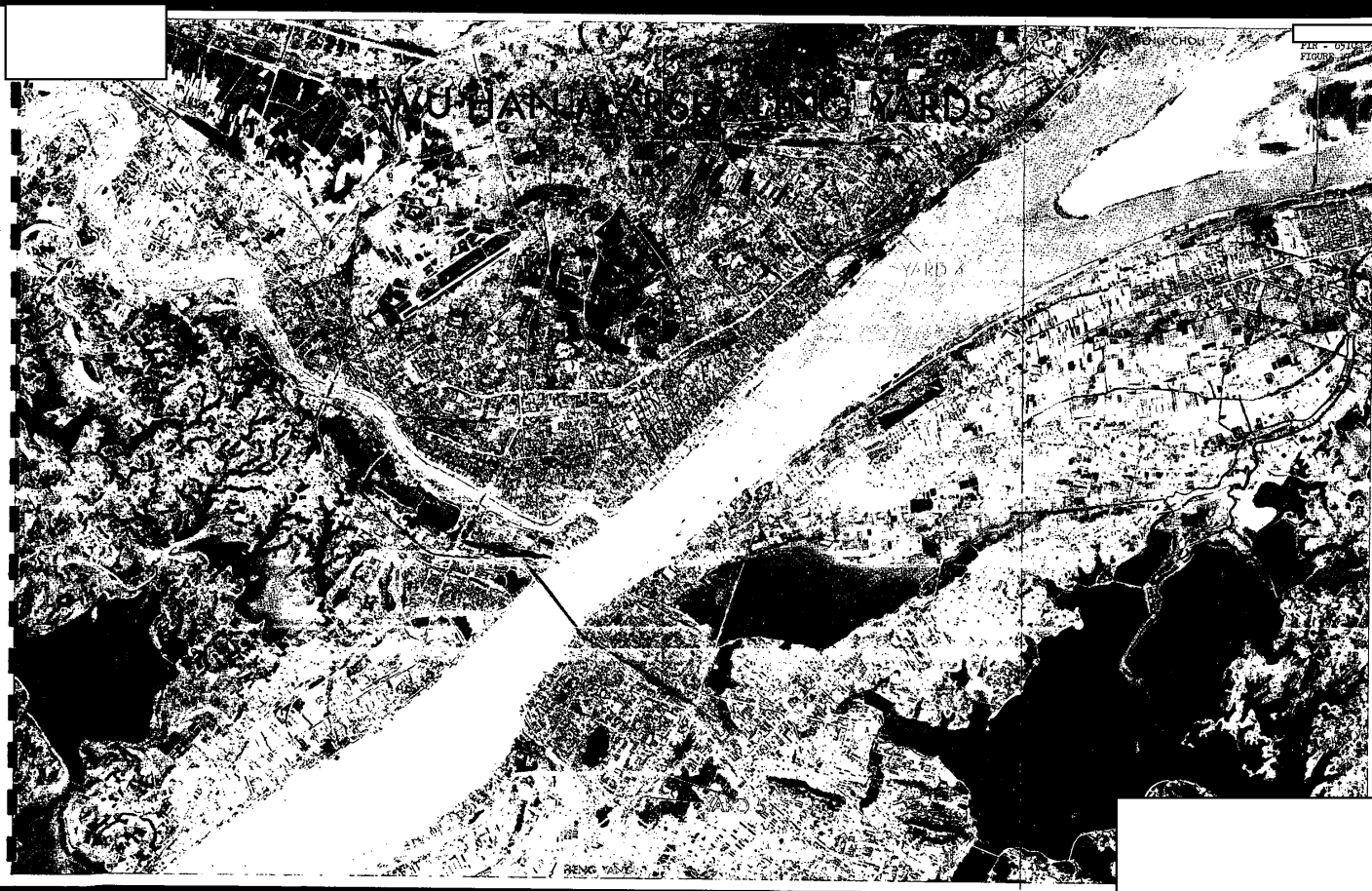
YARD 3

YARD 4

WU-HAN

HSU-CHOU

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KUEI-LIN MARSHALING

YARD

2519N/11017E

YARD

PING-HSIANG

X1 TOP SECRET

WU-HAN

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FIGURE 18

KUET-LIN MARSHALING
YARD

25° 19' N 110° 10' E

YARD

ING-HSIANG

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PIR - 65102

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65074 Traffic Count on Cheng-chou/Ping-hsiang Railroad, China
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65077 Traffic Count on Cheng-chou/Ping-hsiang Railroad, China
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